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IN THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please **AMEND** claims 3, 5, 6, 9, 11, 12, 15, 17, 18, and 19.

Please **CANCEL** claims 1, 2, 4, 7, 8, 10, 13, 14, 16 and 20.

1. (CANCELLED)

2. (CANCELLED)

3. (CURRENTLY AMENDED) The system analysis apparatus of claim ~~2~~ 5, wherein said analyzer further comprises:

means for correcting said quantified data item access state data according to an external requirement including a system design requirement.

4. (CANCELLED)

5. (CURRENTLY AMENDED) ~~The~~ A system analysis apparatus ~~of claim 4~~ analyzing a system containing one or a plurality of programs, comprising:

means for examining, as an access state of a data item in said program, an access type and a number of accesses of the data item in said program; and

an analyzer analyzing degree of association relationships between processes and data items based on the access type and the number of accesses of the data item, each said process being at least one of a program, a set of programs and a program section,

wherein said analyzer further comprises:

means for quantifying the type of access to the data item and the number of accesses, as recorded separately for each process, which are included in said data item access state, and generating quantified data item access state data of each process in said program;

means for collecting processes that access to a data item satisfying a predetermined condition in said quantified data item access state data; and

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means for presenting at least one of a partitioning pattern of the data items and a division pattern of the processes, using the quantified data item access state data and the collected processes.

6. (CURRENTLY AMENDED) The system analysis apparatus of claim 5, further comprising:

means for presenting a process interface in the presented division pattern of the processes, displaying distinction between public data and private data, said public data being external data used as interfaces to processes in an other division, and said private data being internal data used only within processes in a division.

7. (CANCELLED)

8. (CANCELLED)

9. (CURRENTLY AMENDED) The system analysis method of claim ~~8~~11, wherein said analyzing further comprises:

correcting said quantified data item access state data according to an external requirement including a system design requirement.

10. (CANCELLED)

11. (CURRENTLY AMENDED) ~~The~~A system analysis method of claim ~~10~~analyzing a system containing one or a plurality of programs, comprising:

examining, as an access state of a data item in said program, an access type and a number of accesses of the data item in the program; and

analyzing degree of association relationships between processes and data items based on said access type and the number of accesses of the data item, each said process being at least one of a program, a set of programs and a program section,

wherein said analyzing further comprises:

quantifying the type of access to the data item and the number of accesses, as recorded separately for each process, which are included in said data item access state, and generating quantified data item access state data of each process in said program;

collecting processes that access to a data item satisfying a predetermined

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condition in said quantified data item access state data; and

presenting at least one of a partitioning pattern of the data items and a division pattern of the processes, using the quantified data item access state data and the collected processes.

12. (CURRENTLY AMENDED) The system analysis method of claim 11, further comprising:

presenting a process interface in the presented division pattern of the processes, displaying distinction between public data and private data, said public data being external data used as interfaces to processes in an other division, and said private data being internal data used only within processes in a division.

13. (CANCELLED)

14. (CANCELLED)

15. (CURRENTLY AMENDED) The storage medium of claim ~~14~~ 17, wherein said analyzing further comprises:

correcting said quantified data item access state data according to an external requirement including a system design requirement.

16. (CANCELLED)

17. (CURRENTLY AMENDED) ~~The~~ A storage medium of claim 16 storing an analysis program for analyzing a system containing one or a plurality of programs, said analysis program causing a computer to execute operations comprising:

examining, as an access state of a data item in said program, an access type and a number of accesses of the data item in the program; and

analyzing degree of association relationships between processes and data items based on said access type and the number of accesses of the data item, each said process being at least one of a program, a set of programs and a program section,

wherein said analyzing further comprises:

quantifying the type of access to the data item and the number of accesses, as recorded separately for each process, which are included in said data item access state, and

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generating quantified data item access state data of each process in said program;

collecting processes that access to a data item satisfying a predetermined condition in said quantified data item access state data; and

presenting at least one of a partitioning pattern of the data items and division pattern of the processes, using the quantified data item access state data and the collected processes.

18. (CURRENTLY AMENDED) The storage medium of claim-~~16~~ 17, wherein said analysis program causes said computer to further execute operations comprising:

presenting a process interface in the presented division pattern of the processes, displaying distinction between public data and private data, said public data being external data used as interfaces to processes in an other division, and the private data being internal data used only within processes in a division.

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19. (CURRENTLY AMENDED) A system analysis apparatus analyzing a system containing at least one program, comprising:

a programmed computer processor controlling the system analysis apparatus according to a process comprising:

examining, as an access state of a data item in the least one program, an access type and a number of accesses of the data item in the at least one program, and

analyzing degree of association relationships between processes of the at least one program and the data item based on said access type and the number of accesses of the data item, each process of the at least one program being at least one of a program, a set of programs and a program section, of the at least one ~~program~~ program;

wherein said analyzing further comprises:

quantifying the type of access to the data item and the number of accesses, as recorded separately for each process, which are included in said data item access state, and generating quantified data item access state data of each process in said program;

collecting processes that access to a data item satisfying a predetermined condition in said quantified data item access state data; and

presenting at least one of a partitioning pattern of the data items and a division pattern of the processes, using the quantified data item access state data and the collected processes.

20. (CANCELLED)

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